Friday, 9/1/2006 12:16:49 PM Date User: Kim Johnston **Process Sheet** Customer : CU-DAR001 Dart Helicopters Services **Drawing Name** : PLUG **Job Number** : 28400 : 10512 **Estimate Number** : NIP : D26511 Part Number P.O. Number S.O. No. : NM : D2651 REV. B This Issue : 9/1/2006 **Drawing Number** : NC : N/A Prsht Rev. **Project Number** : N/A : MACHINED PARTS First Issue Type **Drawing Revision** : 28251 Material **Previous Run Due Date** : 9/25/2006 Qty: Each Written By Checked & Approved By NG Comment : Est: New Issue Est: B 05.12.12 added deburr EC **Additional Product** Job Number: Seq. #: Description: M6061T6R0500 6061-T6 Round Bar .500" 1.0 0.0421 f(s)/Unit Total: 12.6315 f(s) Comment: Qty.: Material: 6061-T6 (QQ-A-225/8) 0.500" Dia (M6061T6R0500) Batch: \_ ha 10142 HARDINGE CNC LATHE SMALL HARDWGE 2.0 Jurn per dring 02651 Rev B Comment: HAAS CNC VERTICAL MACHINING #1 1- Turn as per Folio FA219 and Dwg D2651 2- Deburr QC2 INSPECT PARTS AS THEY COME OFF MACHINE Comment: INSPECT PARTS AS THEY COME OFF MACHINE SECOND CHECK 4.0 QC& 06.09.18 5.0 SMALL FAB Comment: SMALL & MEDIUM FAB RESOURCE 1 CX06109/18 Deburr ias per dwg D2651

## **Dart Aerospace Ltd**

| DaitAc  | lospace L | .tu                            |                           |                              |                |           |            |                                     |                          |
|---------|-----------|--------------------------------|---------------------------|------------------------------|----------------|-----------|------------|-------------------------------------|--------------------------|
| W/O:    |           |                                | WC                        | ORK ORDER CHANGES            | 3              |           |            |                                     |                          |
| DATE    | STEP      | PROCEDURE CHANGE               |                           |                              | Ву             | Date      | Qty        | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|         |           |                                |                           |                              |                |           |            |                                     |                          |
|         |           |                                |                           |                              |                | ·         |            |                                     |                          |
|         |           |                                |                           |                              |                |           |            |                                     |                          |
| Part No | *         | PAR #:                         | Fault Cate                | gory:                        | NCR: Yes       | (b) DQ    | A: <u></u> | Ď Date: ₾                           | x6/29/20                 |
|         |           |                                |                           |                              |                |           | d:         | _ Date: _                           | <del></del>              |
| NCR:    |           |                                | WORK ORDI                 | ER NON-CONFORMAN             | CE (NCR        | )         |            |                                     |                          |
| DATE    | STEP      | Description of NC<br>Section A | Corrective Action Section |                              |                | Verific   | cation A   | Approval                            | Approval<br>QC Inspector |
| DAIL    | SILI      |                                | Initial<br>Chief Eng      | Action Description Chief Eng | Sign &<br>Date | Section C | Chief Eng  |                                     |                          |
|         |           |                                |                           |                              |                |           |            |                                     |                          |
|         |           |                                |                           |                              |                |           | •          |                                     |                          |
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|         |           |                                |                           | •                            |                |           |            |                                     |                          |

NOTE: Date & initial all entries

Date: Friday, 9/1/2006 12:16:49 PM User: Kim Johnston **Process Sheet** Drawing Name: PLUG Customer: CU-DAR001 Dart Helicopters Services Job Number: 28400 Part Number: D26511 Job Number: Seq. #: Description: Machine Or Operation: 6.0 HAND FINISHING1 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 (Only larger section necessary) INSPECT POWDER COAT/CHEMICAL CONVERSION 8.0 Comment: INSPECT POWDER COAT 9.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: T DC DOCUMENT CONTROL 10.0 Comment: DOCUMENT CONTROL Inspection Level 21 Job Completion

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| W/O:    |      | WORK ORDER C           | WORK ORDER CHANGES |           |            |                                     |                          |  |  |  |  |
|---------|------|------------------------|--------------------|-----------|------------|-------------------------------------|--------------------------|--|--|--|--|
| DATE    | STEP | PROCEDURE CHANGE       | Ву                 | Date      | Qty        | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |  |  |  |  |
|         |      |                        |                    |           |            |                                     |                          |  |  |  |  |
|         |      |                        |                    |           |            |                                     |                          |  |  |  |  |
|         |      |                        |                    |           |            |                                     |                          |  |  |  |  |
|         | J.   |                        |                    |           |            |                                     |                          |  |  |  |  |
| Part No | :    | PAR #: Fault Category: | NCR: Yes           | No DQ     | <b>A</b> : | _ Date: _                           |                          |  |  |  |  |
|         |      |                        | QA:                | N/C Close | d:         | Date:                               |                          |  |  |  |  |

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                              |                |                           |                       |                          |  |
|------|------|----------------------------------|-----------------------------|------------------------------|----------------|---------------------------|-----------------------|--------------------------|--|
|      |      | Description of NC                | Corrective Action Section B |                              |                | Varification              | A                     |                          |  |
| DATE | STEP | Section A                        | Initial<br>Chief Eng        | Action Description Chief Eng | Sign &<br>Date | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |  |
|      |      |                                  |                             |                              |                |                           |                       |                          |  |
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NOTE: Date & initial all entries

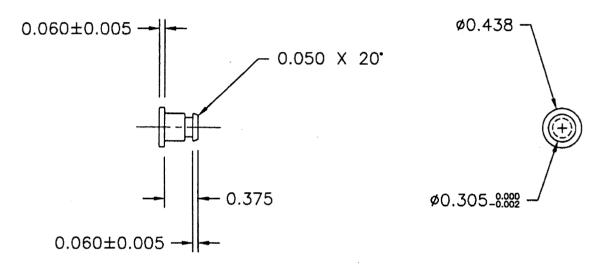




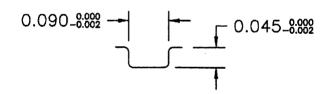
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|--------------|--|--|
| DESIGN       | DRAWN BY   | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| CHECKED      | APPROVED   | DRAWING NO. REV.                               |
| af           | 1 9H   | D2651 SHEET 1 OF                               |
| DATE         |  | TITLE SCAL                                     |
| <br>03.12.19 |  | PLUG 1:  |
| А            | 97.03.25   | NEW ISSUE                                      |
| В            | 03.12.19   | ADD POWDER COAT, MS28775-008                   |

# RELEASED 03.12.19

#### D2651-1 PLUG:



# **GROOVE DETAIL (SCALE 5:1)**



#### D2651-1 PLUG

- 1) MATERIAL: 6061-T6 (QQ-A-225/8) OR 1100-0 (QQ-A-225/1)
- 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1 POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3

SHOP COPY

- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHEWISE NOTED RETURNS
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.010 MAX

D2651-3 O-RING

1) MATERIAL: BUNA N, 70 DUROMETER 3/16 ID, 5/16 OD, 1/16 WIDTH (PARKER 2-008, MS28775-008 OR EQUIVALENT) UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 284 OO

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## **CERTIFICATE OF CONFORMITY**

SOLD TO:

SHIPPED TO:

Dart Aerospace Ltd. 1270 Aberdeen Street

same

Hawkesbury, Ont.

K6A 1K7

| QUANTITY                 | PART NUMBER                        | PART NAME   | MATERIAL BATCH NUMBER | P.O. NUMBER                      |
|--------------------------|------------------------------------|---|-----------------------|----------------------------------|
| 358<br>155<br>606<br>200 | D2649<br>D2649<br>D2651-1<br>D2743 | Cross Bolt Spacer<br>Cross Bolt Spacer<br>Plug<br>Cross Bolt Spacer | M19051<br>M101421     | Linda<br>Linda<br>Linda<br>Linda |

MATERIAL: supplied by DART

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Shigi (Regula) Walz

Vankleek Hill, September 1**5**, 2006